

FORM 1449\*

# INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

1100.1152101

(H0002064)

Application Number:

09/981,928

Applicant: Darren D. Cofer et al

Filing Date: October 16, 2001

Group Art Unit: unknown

## U.S. Patent Documents

Examiner Initial	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
X	4,923,066	05/08/90	Ophir et al		
R	5,359,363	10/25/94	Kuban et al		
B	5,402,168	03/28/95	Fouilloy		
D	5,418,567	05/23/95	Boers et al		
R	5,448,320	09/05/95	Sakai et al		
R	5,477,212	12/19/95	Rumpel		
X	5,573,006	11/12/96	Shimotani et al		
R	5,627,616	05/06/97	Sergeant et al		
R	5,649,255	07/15/97	Schieltz		
R	5,677,535	10/14/97	Stephan		
R	5,691,765	11/25/97	Schieltz et al		
R	5,731,832	03/24/98	Ng, H.		
R	5,745,170	04/28/98	Palmer		
R	5,752,100	05/12/98	Schrock		
R	5,790,910	08/04/98	Haskin		
R	5,793,900	08/11/98	Nourbakhsh et al		
R	5,795,306	08/19/98	Shimotani et al		
R	5,801,770	09/01/98	Paff et al		
R	5,818,519	10/06/98	Wren		
X	5,835,613	11/10/98	Breed et al		
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X	5,852,754	12/22/98	Schneider		
R	5,870,135	02/09/99	Glatt et al		
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R	5,953,055	09/14/99	Huang et al		
R	6,035,067	03/07/00	Ponticos		
K	Des. 347,442	05/31/94	Falconer		

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<b>FORM 1449*</b>		Docket Number: 1100.1152101 (H0002064)	Application Number: 09/981,928
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		Filing Date: October 16, 2001	Group Art Unit: unknown

<input checked="" type="checkbox"/>	Des. 349,713	08/16/94	Hasegawa		
<input checked="" type="checkbox"/>	Des. 349,714	08/16/94	Hasegawa		
<input checked="" type="checkbox"/>	Des. 349,911	08/23/94	Shimizu et al		
<input checked="" type="checkbox"/>	Des. 349,913	08/23/94	Morris		
<input checked="" type="checkbox"/>	Des. 354,973	01/31/95	Hisatune et al		
<input checked="" type="checkbox"/>	Des. 365,834	01/02/96	Dozier		
<input checked="" type="checkbox"/>	Des. 378,095	02/18/97	Hasegawa		
<input checked="" type="checkbox"/>	Des. 399,517	10/13/98	Hasegawa		

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	DOCUMENT NO.	DATE	COUNTRY	CLASS	Translation Yes No
<input checked="" type="checkbox"/>	EP 0468839 B1	09/06/95	EP		
<input checked="" type="checkbox"/>	EP 0484076 B1	12/18/96	EP		
<input checked="" type="checkbox"/>	EP 0491121 B1	02/28/96	EP		
<input checked="" type="checkbox"/>	EP 0519379 B1	09/04/96	EP		
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<input checked="" type="checkbox"/>	EP 0585033 B1	01/14/98	EP		
<input checked="" type="checkbox"/>	EP 0610863 A1	08/17/94	EP		
<input checked="" type="checkbox"/>	EP 0632858 B1	08/12/98	EP		
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<input checked="" type="checkbox"/>	EP 0772169 A2	05/07/97	EP		
<input checked="" type="checkbox"/>	EP 0774730 A2	05/21/97	EP		
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<input checked="" type="checkbox"/>	EP 0810791 A2	12/03/97	EP		
<input checked="" type="checkbox"/>	JP 07056219	08/10/93	JP		Abstract
<input checked="" type="checkbox"/>	JP 07104362	10/01/93	JP		Abstract

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	JP 07159892	12/08/93	JP		Abstract
	JP 07175128	12/20/93	JP		Abstract
	JP 07191390	12/27/93	JP		Abstract
	JP 07222039	01/31/94	JP		Abstract
	JP 07255004	03/14/94	JP		Abstract
	JP 07281276	04/04/94	JP		Abstract
	JP 08076213	09/07/94	JP		Abstract
	JP 08140941	11/25/94	JP		Abstract
	JP 09083999	09/20/95	JP		Abstract
	JP 09193078	01/22/96	JP		Abstract
	JP 10031256	07/16/96	JP		Abstract
	JP 10042231	07/19/96	JP		Abstract
	WO 84/03784	09/27/84	PCT		
	WO 97/01246	01/09/97	PCT		
	WO 97/05741	02/13/97	PCT		
	WO 97/05744	02/13/97	PCT		
	WO 97/12278	04/03/97	PCT		
	WO 98/18026	04/30/98	PCT		
	WO 98/46116	10/22/98	PCT		
	WO 98/47025	10/22/98	PCT		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		The Japan Machinery Federation, "Development for the International Standards in the field of Safety Machinery -- A vision-based protective device (VBPD)," <u>The Japanese National Committee for IEC/TC44</u> , 36 pages, October 1, 2001.
		Aach, T., et al., "Statistical Model-Based Change Detection in Moving Video," <u>Signal Processing</u> , Vol. 31, No. 2, pages 165-180, March 1993.
		Weszka, J.S., "SURVEY: A Survey of Threshold Selection Techniques," <u>Computer Graphics and Image Processing</u> 7, Vol. 7, No. 2, pages 259-265, April 1978.
		Ostermann, J., "Modeling of 3D Moving Objects For An Analysis-Synthesis Coder," <u>SPIE-SPSE: Symposium on Sensing and Reconstruction of 3D Objects and Scenes</u> , Proc. SPIE 1260, pages 240-249, Santa Clara, CA., Feb. 1990.

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(Use several sheets if necessary)				Applicant: Darren D. Cofer et al			
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		Xiong, W., et al., "Efficient Scene Change Detection and Camera Motion Annotation, for Video Classification," Computer Vision and Image Understanding, Vol. 71, No. 2, pages 166-181, August 1998.
		Skifstad, K., et al., "Illumination Independent Change Detection for Real World Image Sequences," Computer Vision, Graphics, and Image Processing, Vol., 46, No. 3, pages 387-399, June 1989.
		Vekatsheh, S., "Dynamic Threshold Determination by Local and Global Edge Evaluation," Graphical Models and Image Processing, Vol. 57, No. 2, pages 146-160, March 1995.
		Ostermann, J., "Segmentation of Image Areas Changed Due to Object Motion Considering Shadows," Multimedia Communications and Video Coding, pages 241-246, Y. Wang, Ed., New York: Plenum, 1996.
		Stauder, J., "Segmentation of Moving Objects in Presence of Moving Shadows: Proc. Int. Workshop on Coding Techniques for Very Low Bit Rate Video, Linkoping, Sweden, July 28-30, 1997, pages 41-44
		Hotter, M., et al., "Image Segmentation Based on Object Oriented Mapping Parameter Estimation", Signal Processing, Vol. 15, No. 3, pages 315-334, October 1988.
		U.S. Patent Application Serial No. 09/716,002, filed November 17, 2000, entitled, "Object Detection."
		U.S. Provisional Patent Application Serial No. 60/275,879, filed March 14, 2001, entitled, "Safety Camera."

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	<b>Filing Date:</b> October 16, 2001	<b>Group Art Unit:</b> unknown



U.S. Patent Documents					
Examiner Initial	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS

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FOREIGN PATENT DOCUMENTS					
Examiner Initial	DOCUMENT NO.	DATE	COUNTRY	CLASS	Translation Yes No
✓	EP 1168269 A2	May 17, 2001	DE		English Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

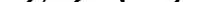
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	09/981,928
				<b>Filing Date</b>	10/16/2001
				<b>First Named Inventor</b>	Cofer et al.
				<b>Art Unit</b>	2623
				<b>Examiner Name</b>	not yet known
				<b>Attorney Docket Number</b>	H0002064
Sheet	1	of	1		

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Examiner Signature		Date Considered	12/1/04
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